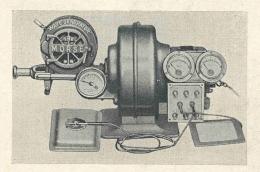






Cata 1820 1821 1822	THOMPSON-PLASTER	
	CATAPHORIC	Code Price MAORIE \$ 3.00 MARCUS 3.00
	Electrode, with Rubber protection	and Carbon base
	Electrode, with Rubber protection	and Carbon base.
5,000	Charles and the Control of the Contr	G V
	No. 1832	
	10. 1032	
	FLEXIBLE SIGMO	OID
	Electrode, constructed of pure block	OID
for	flushing attachment.	tin tubing, with nose end
		1
	-	
	No. 1833	
	4	
	The state of the s	
	No. 1818	
	Price List of Morse Internal	Flectrodes
Cata	log No. Description	Code Price
1820		MAORIE \$ 3.00
1821 1822	Carbon Ball	MARCUS 3.00 MARGAY 3.00
1823	Sigmoid	MARINE 3.00
1824	Prostatic	MARMO 3.00
1825	Vaginal	MARLIN 3.00 MARLY 3.50
1830 1831	Eye Cup (for Galvanism)	MARLY 3.50 MASHE 3.00
1832	Cataphoric	MASON 3.00
1833	Flexible Sigmoid	MASSA 2.75
1818	Bifurcated Cords	MANSON 2.50
Sp	ecial cords priced according to length.	
		MARINE 3.00 MARMO 3.00 MARLIN 3.00 MARLY 3.50 MASHE 3.00 MASON 3.00 MASSA 2.75 MANSON 2.50
1823 1824 1825 1830 1831 1832 1833 1818 Sp		

MORSE WAVE GENERATOR



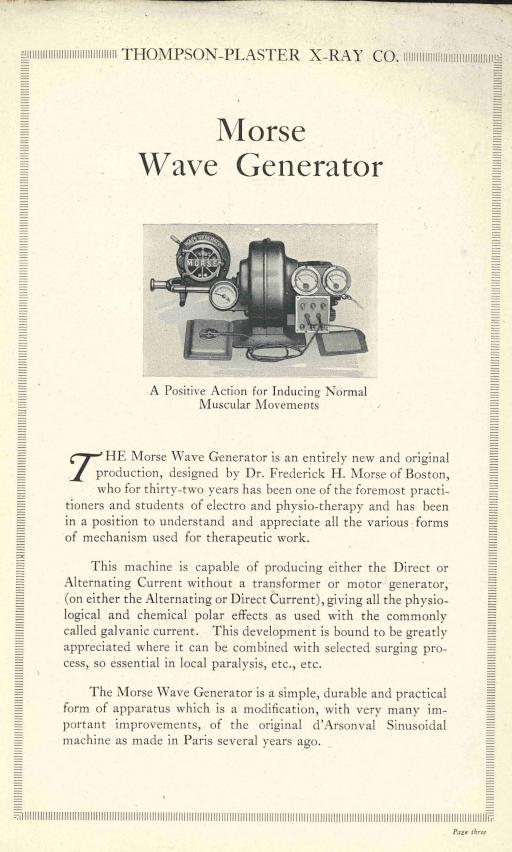
A Positive Action for Inducing Normal Muscular Movements

THOMPSON-PLASTER X-RAY CO.

X-Ray and Electrotherapeutic Apparatus for the Physician and Dentist

LEESBURG, VIRGINIA

CHICAGO, ILLINOIS



The Morse Wave Generator is a means of grouping a rapid impulse inductive current into variable surging wave motions, producing many different muscular movements for a great range of therapeutic indications, all of which are within easy manipulation of the operator, and pleasing in effect to patients.

The mechanical construction is such that it is capable of doing every day work in a physician's office for many years without impairment, there being no complicated gearing, wiring or switches.

The apparatus is so arranged that it is able to produce a synchronization of muscle movements in any part of the body, either voluntary or involuntary muscles, without danger of shock or burning sensation on the skin, using either the Direct or Alternating Current as may be indicated, the former for the special action of the Galvanic Current and the latter for exercise and massage effect, having in itself an induction current, being of considerable voltage and no amperage.

The above achievement is brought about by the insertion into the control part of the apparatus, different discs of various shapes which are known in mechanics as "Cams," all under the easy manipulation of a single lever and as far as we are able to ascertain is entirely new to the profession and promises to revolutionize physio-therapy as it is at present understood.

This style of construction is used so that when the proper Cam is selected any desired muscle movement may be imitated; it is possible to obtain an imitation of normal muscle movement of the various parts of the body, on either the Alternating or Direct Current, and in a very pleasing manner.

The principle of the Morse Wave Generator is one of inductive magnetism, whose various movements and wave lengths are controlled by a series of Cams making it possible to meet all requirements of muscular movements, and devoid of the objectionable burning sensation as with other similar apparatus.

 $\overline{\gamma}_{0}$

Figure 1 represents a medium size Interstitial Uterine Fibroid situated posteriorly and easy of access. The Carbon Ball Electrode No. 1821 is employed, covered with either Absorbent Cotton moistened with some antiseptic solution, or use Antiseptic Gauze moistened to complete saturation, for good conduction.

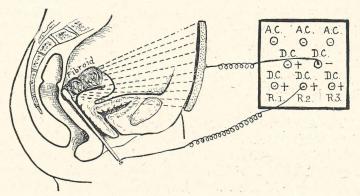


FIGURE 1.

Figure 2 illustrates the Copper Electrode No. 1822 inserted in the Rectum, for the treatment of Hemorrhoids. Moist Pad Electrode No. 1810 is placed in contact with the Abdomen.

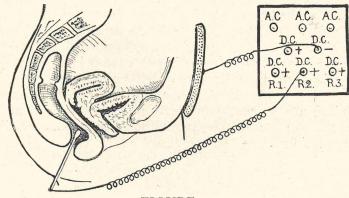


FIGURE 2.

For the intelligent treatment of Constipation, Obesity, Paralysis in all forms, Gastroptosis, Enteroptosis, Flat Foot, and the various joint affections. In fact, it meets nearly all the indications for physical and electrical needs except the X-Ray and High Frequency modalities.

The Direct Current produced by this generator is purely uni-directional, even when the surging effect is used, which simply means that the discharge is always in one direction and not reversed. This permits one to obtain all the well-known chemical and physiological actions of either positive or negative pole, as desired.

The Alternating Current is obtained from twelve (12) coils and twelve (12) permanent magnets, and with the driving motor revolving at the usual speed of 1750 per minute, 21,000 alternations are produced, and, as the revolving armature is made to approach the magnetic field when in action, a double impulse is obtained from every revolution.

By this method we secure a current of 42,000 impulses per minute — the "sine wave" is shortened like compressing a spiral spring — the wave lengths become so short as to become unrecognizable.

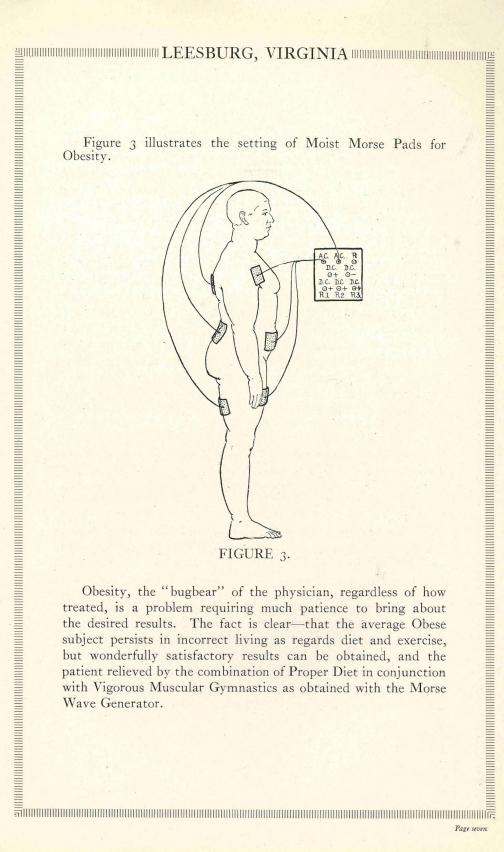
The fact that a Uni-Directional Measured Wave Surging Current can be employed, selecting the proper Cam for the muscle impulse required, gives a decided advantage over the Sinusoidal application. The Morse Wave Generator permits an equal period of rest with every contraction, using any one of the Cams—and the same principle applies equally well whether it is the muscles of the face, arm, leg or intestines. Normal action may be maintained. On the other hand, when a Sinusoidal Apparatus is used, with its constant reversing of current polarity, there is no period of rest for the muscles being treated, and fatigue and exhautions are apt to follow. For the intelligent treatment of Constipation, Obesity, Paralysis in all forms, Gastroptosis, Enteroptosis, Flat Foot, and the various joint affections. In fact, it meets nearly all the indications for physical and electrical needs except the X-Ray and High Frequency modalities.

The Direct Current produced by this generator is purely uni-directional, even when the surging effect is used, which simply means that the discharge is always in one direction and not reversed. This permits one to obtain all the well-known chemical and physiological actions of either positive or negative pole, as desired.

The Alternating Current is obtained from twelve (12) coils and twelve (12) permanent magnets, and with the driving motor revolving at the usual speed of 1750 per minute, 21,000 alternations are produced, and, as the revolving armature is made to approach the magnetic field when in action, a double impulse is obtained from every revolution.

By this method we secure a current of 42,000 impulses per minute — the "sine wave" is shortened like compressing a spiral spring — the wave lengths become so short as to become unrecognizable.

The fact that a Uni-Directional Measured Wave Surging Current can be employed, selecting the proper Cam for the muscle impulse required, gives a decided advantage over the Sinusoidal application. The Morse Wave Generator permits an equal period of rest with every contraction, using any one of the Cams—and the same principle applies equally well whether it is the muscles of the face, arm, leg or intestines. Normal action may be maintained. On the other hand, when a Sinusoidal Apparatus is used, with its constant reversing of current polarity, there is no period of rest for the muscles being treated, and fatigue and exhautions are apt to follow.



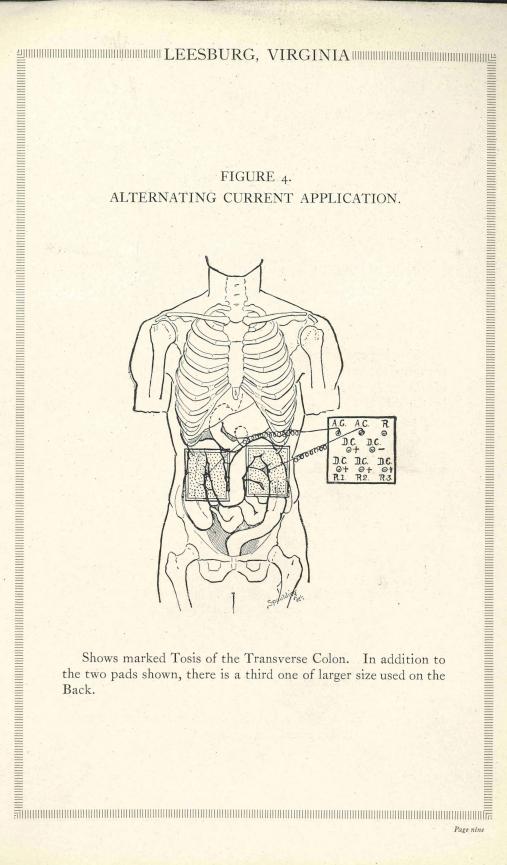
Many attempts have been made to imitate the physiological muscle action by mechanical application, the impulses being timed by a watch; but never before the advent of the Morse Wave Generator has a mechanical automatic form of apparatus been offered to the physician that could be depended upon to do precisely, as far as the physiological action is concerned, what is demanded of it.

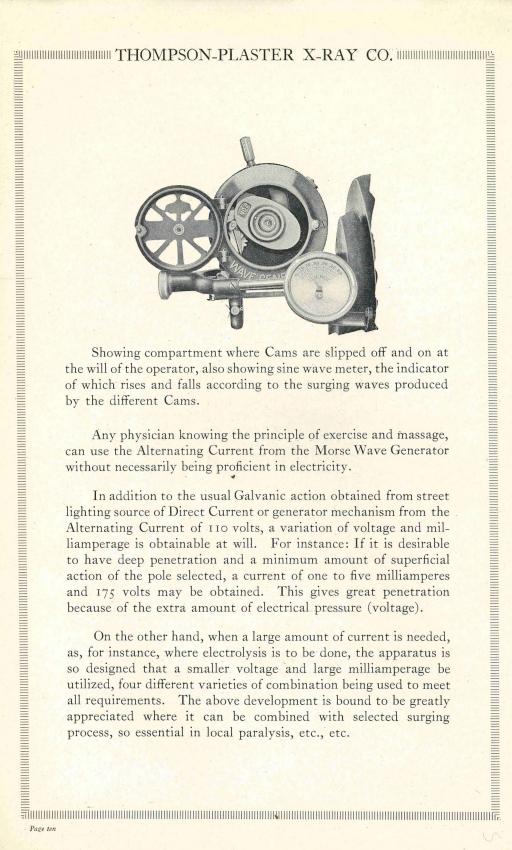
It is an established fact that Direct Current passes from the Positive to the Negative pole, and that it influences the fluids of the body in the direction of the flow. The physiological action of this current on living tissue is to elevate the temperature of the section through which it passes. At the Positive pole there will be an increasing accumulation of oxygen and acids—at the Negative pole, hydrogen and alkalis.

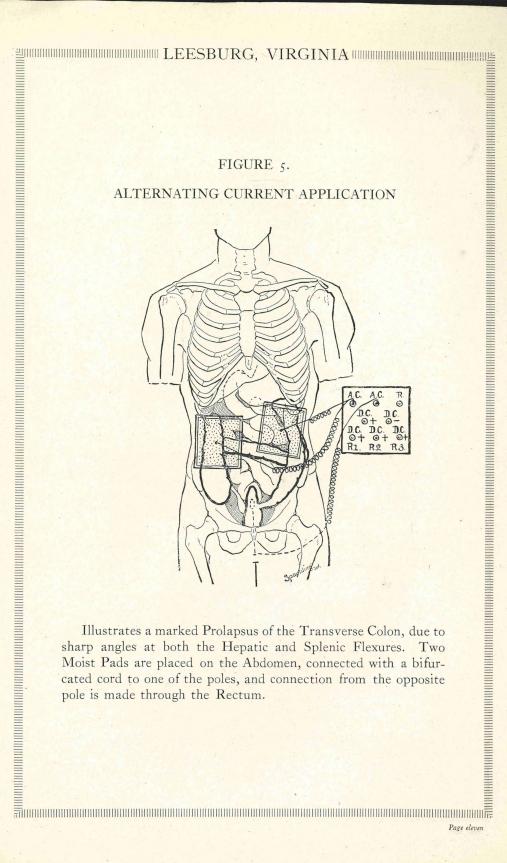
Physicians and Surgeons today realize the importance of caring for the human body, in health and disease, as a kind of mechanism instead of a complicated mass of protoplasm, and with the Morse Wave Generator we imitate Nature as nearly as possible in restoring normal cell activity, by definite Physical Therapeutics, rather than Sedatives, Catharties, etc.

The general practitioner of medicine, who has been dependent wholly upon his pharmaceutical allies, and with whose methods he has been satisfied, has an ingrown feeling that it is illogical and presumptuous to step aside from the beaten path and to use methods which here-to-fore have been considered "irregular," and used only as weapons of the Charlatan, for making money.

To the physician attempting to obtain definite therapeutic results through rythmic mechanical or electrical measures, it seems rather a radical change from his former dependencies—the drugs and surgical instruments. Yet any physician who will familiarize himself with modern teaching of natural and physiological measures in his effort to restrain abnormal vital action, has made a great stride in his efficiency as a medical man.















larly indicated in infantile paralysis (chronic stage), paralysis of extremities, flatfoot, etc. Its effect is to cause an involuntary contraction of atrophied muscles at a rate to harmonize with, and to accentuate normal muscular activity.

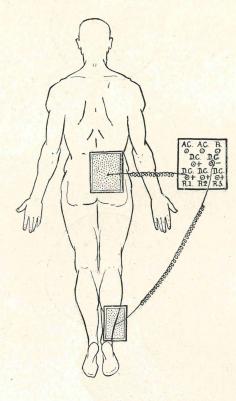
LESBURG, VIRGINIA

LECSBURG, VIRGINIA

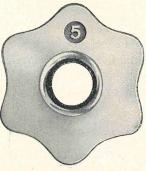
LECSBURG

LECSB

FIGURE 6.
DIRECT CURRENT APPLICATION.



Sciatic Neuritis is usually caused by Intestinal Statis either in the Secum or Sigmoid unless the history of injury to the nerve is not known to be otherwise. Treatment of the immediate pain from the Back down to the Ankle, as illustrated, is very effective, employing the Direct Current. Cam No. 4 is constructed to synchronize with the normal peristaltic action of the gastro-intestinal tract to aid nature in the restoration of muscular tone and to exercise the muscles controlling these organs; at the same time to stimulate peristaltic action, increasing elimination and preventing toxemic absorption and degeneration of tissue which would sooner or later necessitate the removal of that portion of the bowel, or some other surgical procedure.



CAM No. 5

Producing a surge the intervals of which are especially valuable in the treatment of Facial Paralysis, Enlarged Prostate, Joint Affections and Adhesions where rapid manipulation would be indicated, also for nose, ear and throat work where a delicate, easily tolerated massage is so often desired; produces sixty-six surges per minute.

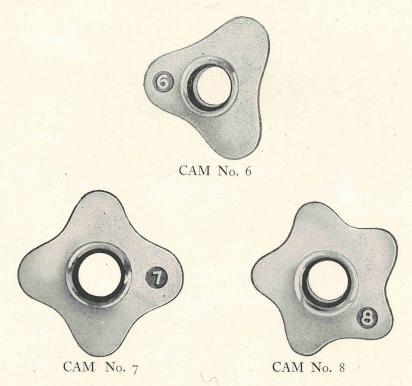
Cams number 6, 7 and 8 give 33, 44 and 55 muscular contractions respectively, the indications for the use of which must necessarily be variable according to the pathology of the case.

6 and 7 can be made to imitate in a very satisfactory manner, manual prostatic massage, using a surface electrode of at least 6x8 inches with any properly shaped and insulating prostatic electrode.

In affection of the knee and ankle and in the treatment of flatfoot, Cam number 8 when used vigorously gives a good imitation of normal muscular and ligamentous action in those regions.

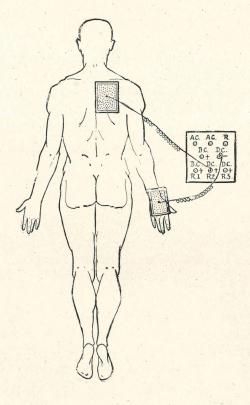
In many of the cases spoken of as specially indicated by the use of Cams number 2, 3 and 4, where normal muscle movement is to be imitated, the use of either the 6, 7 or 8 Cam for two or three minutes preceding the use of the others, will cause a sudden invigoration of the circulation of the part which renders the condition susceptible to benefit when the regular Cam for the case is used.

Without further suggestions for use, after the physician has once become acquainted with the physiological action of the different Cams, he will be in a position to select what is needed for his case better than any writer of books can tell him.



We can boldly assert without fear of scientific contradiction that the Morse Wave Generator offers a greater range of therapeutic application than any similar apparatus on the market today.

FIGURE 7. DIRECT CURRENT APPLICATION



Neuritis of the entire Arm is treated with the Morse Wave Generator in much the same manner as Sciatic Neuritis. The best of results are obtained with a moderate current, as there is not a great deal of resistance in the Arm. Relief is obtained, in the usual case, in about eight minutes time.

Special Features

A direct current without the use of any converter or transforming device from the alternating current line.

Imitation of normal muscle movements with complete absence of any burning sensations.

Simplicity of control, general design and resultant long life of the apparatus.

A variation of both amperage and voltage allowing deep penetration or superficial (galvanic) action, avoiding the usual unpleasant sensations so often prohibiting the use of Direct Current.

When ordering please state whether for Alternating or Direct current, also voltage, and type of Generator desired.

The Morse Wave Generator will always be shipped complete with the set of seven (7) Moist surface Electrodes and the pair of Connecting Cords, unless ordered otherwise. Catalog No. 1800 consists of:

The Morse Wave Generator, in gray enamel finish with nickelplated trimmings, wound for operation on 110 volt, 60 cycle Alternating Current, without the galvanic attachment but with connecting cord and set of 8 interrupting Cams. Also—

1-No. 1807 Morse Manual of Instructions-

1—No. 1810 6"x8" Moist Surface Electrode.

1—No. 1811 5"x8" Moist Surface Electrode.

1—No. 1812 5"x6" Moist Surface Electrode.

1-No. 1813 4"x6" Moist Surface Electrode.

I—No. 1814 4"x5" Moist Surface Electrode.

I—No. 1815 3"x10" Moist Surface Electrode.

1—No. 1816 2½"x8½" Moist Surface Electrode.

1—No. 1817 Set of 2 (4 ft.) Connecting Cords.

Catalog No. 1800 Code MANGY Price \$325.00.

Catalog No. 1801 consists of:

The Morse Wave Generator, in gray enamel finish with nickelplated trimmings, wound for operation on 110 volt, 60 cycle Alternating Current, for delivering the galvanic as well as the Sine Wave Currents, with connecting cord and set of 8 interrupting Cams. Also complete set of pad electrodes and connecting cords as included in Catalog No. 1800.

Catalog No. 1801 Code MAPLE Price \$375.00.

Catalog No. 1802 consists of:

The same apparatus as described under No. 1800, but wound for 110 volt Direct Current.

Catalog No. 1802 Code MANUS Price \$325.00.

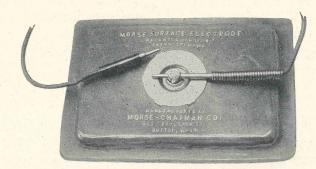
Catalog No. 1803 consists of:

The same apparatus as described under No. 1801, but wound for 110 volt Direct Current.

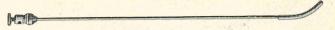
Catalog No. 1803 Code MARAH Price \$375.00.

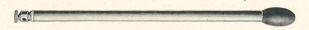
Shipping Weights and Measures Covering the Morse Wave Generator

Net	Net	Gross	Gross	Dimen.	Dimen.	Description
Weight	Weight	Weight	Weight	Container	Contained	of
in Lbs.	in Kilos	in Lbs.	in Kilos	in Inches	in Centimeters	Containers
79	36.8	100	45.3	$13^{1/2} \times 20 \times 27$	34 x 51 x 68	1 Box



	NA C (DI		
	Morse Surface Electrode The Last Word in Contact in Electro-Therape	eutics	
	MORSE SURFACE ELECTRODE ANTENDA PARAMETER H FEFFECTURES AT MORSE -CHAPMAN CD. SETTED, NASE.		
pos rub elec con for	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a mouster back for protection, and a locking device on controde, so that accidental detachment is impossible sidered by experts to be the best moist conductor eventually the purpose.	de is com- lded pure d tip and ble. It is er devised	
pos rub elec con for	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a mouser back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor eventually the purpose. Description Cod	de is com- lded pure d tip and ble. It is er devised	
pos rub elec con for Cata	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a moust ber back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor eventhe purpose. Description Cod 6 "x 8 " Moist Surface Electrode	de is com- lded pure d tip and ble. It is er devised le Price IN \$4.50	
pos rub elec con for Cata 1810	The New Model of the Morse Moist Surface Electroded of an asbestos compound for conduction, a mouber back for protection, and a locking device on controde, so that accidental detachment is impossible sidered by experts to be the best moist conductor eventhe purpose. Description Cod No. Description Cod 6 "x 8 " Moist Surface Electrode	de is com- lded pure d tip and ble. It is er devised Price IN \$4.50 ET 3.50	
pos rub elec con for Cata 1810 1811	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a mouser back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor eventhe purpose. Alog No. Description Cod 6 "x 8 " Moist Surface Electrode MALK 5 "x 8 " Moist Surface Electrode MALK 6 "x 6 " Moist Surface Electrode MAMM MANNA M	de is com- lded pure d tip and ble. It is er devised Price IN \$4.50 ET 3.50 ER 3.00	
pos rub elec con for Cata 1810 1811 1812 1813	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a moust ber back for protection, and a locking device on controde, so that accidental detachment is impossible sidered by experts to be the best moist conductor event the purpose. Alog No. Description Code	de is com- lded pure d tip and ble. It is er devised Re Price IN \$4.50 ET 3.50 ER 3.00 IN 2.25 US 2.00	
pos rub elec con for Cata 1810 1811 1812 1813 1814	The New Model of the Morse Moist Surface Electrode of an asbestos compound for conduction, a mouber back for protection, and a locking device on controde, so that accidental detachment is impossib sidered by experts to be the best moist conductor event the purpose. The New Model of the Morse Moist Surface Electrode to an asbestos compound for conduction, a mouber back for protection, and a locking device on controde, so that accidental detachment is impossib sidered by experts to be the best moist conductor event the purpose. The New Model of the Morse Moist gurface Electrode MALK is "X 8 " Moist Surface Electrode MALK is "X 6 " Moist Surface Electrode MANK is 5 " Moist Surface Electrode MANK is 1" Moist Surface Electrode MANK is	de is com- lded pure rd tip and ble. It is er devised Re Price IN \$4.50 ET 3.50 ER 3.00 IN 2.25 US 2.00 UL 3.00	
pos rub elec con for Cata 1810 1811 1812 1813 1814 1815 1816	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a mouser back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor eventhe purpose. Description Cod 6 "x 8 " Moist Surface Electrode MALK 5 "x 8 " Moist Surface Electrode MALK 5 "x 6 " Moist Surface Electrode MAMMH 4 "x 6 " Moist Surface Electrode MANK 4 "x 5 " Moist Surface Electrode MANK 3 "x10 " Moist Surface Electrode MANG 2½"x 8½" Moist Surface Electrode MANG	de is com- lded pure d tip and ble. It is er devised Ref. 3.50 ER 3.00 IN 2.25 US 2.00 UL 3.00 ER 2.00	
pos rub elec con for Cata 1810 1811 1812 1813 1814 1815	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a mouser back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor eventhe purpose. Description Cod MALK MALK MASS Moist Surface Electrode MALLI MAMMI Mark Mark	de is com- lded pure rd tip and ble. It is er devised Re Price IN \$4.50 ET 3.50 ER 3.00 IN 2.25 US 2.00 UL 3.00 ER 2.00 IA 2.50	
pos rub elec con for Cata 1810 1811 1812 1813 1814 1815 1816 1817	The New Model of the Morse Moist Surface Electroed of an asbestos compound for conduction, a mounter back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor eventhe purpose. Description Cod MALK MALK MASSE "X 8" Moist Surface Electrode MALLI "X 6" Moist Surface Electrode MAMMI "X 6" Moist Surface Electrode MAMMI "X 6" Moist Surface Electrode MANC "X 10" Moist Surface Electrode MANC "X 10" Moist Surface Electrode MANG Set of 2 (4 ft.) Connecting Cords MANS Special Bifurcated Cord MANS Morse Manual of Instructions	de is com- lded pure rd tip and ble. It is er devised Re Price IN \$4.50 ET 3.50 ER 3.00 IN 2.25 US 2.00 UL 3.00 ER 2.00 IA 2.50 DN 2.50 RS 3.50	
pos rub elec con for Cata 1810 1811 1812 1813 1814 1815 1816 1817 1818	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a mouser back for protection, and a locking device on controde, so that accidental detachment is impossible sidered by experts to be the best moist conductor eventhe purpose. Description Cod MALK Moist Surface Electrode MALLI MAMMI Mark	de is com- lded pure d tip and ble. It is er devised Re Price IN \$4.50 ET 3.50 ER 3.00 IN 2.25 US 2.00 UL 3.00 ER 2.00 IA 2.50 ON 2.50 RS 3.50	
pos rub elec con for Cata 1810 1811 1812 1813 1814 1815 1816 1817 1818 1743 Sp	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a mount ber back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor event the purpose. Description Cod MALK Ma	de is com- lded pure rd tip and ble. It is er devised Re Price IN \$4.50 ET 3.50 ER 3.00 IN 2.25 US 2.00 UL 3.00 ER 2.00 IA 2.50 DN 2.50 RS 3.50	
pos rub elec con for Cata 1810 1811 1812 1813 1814 1815 1816 1817 1818 1817	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a moust ber back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor event the purpose. Description Cod MALK S'x 8 " Moist Surface Electrode MALK S'x 8 " Moist Surface Electrode MAMMI 4 "x 6 " Moist Surface Electrode MAMMI 4 "x 6 " Moist Surface Electrode MANK 3 "x10 " Moist Surface Electrode MANF 2½"x 8½" Moist Surface Electrode MANF 2½"x 8½" Moist Surface Electrode MANF Set of 2 (4 ft.) Connecting Cords MANN Special Bifurcated Cord MANSO Morse Manual of Instructions INMO Description Moist Surface Electrode MANSO Morse Manual of Instructions INMO Description INMO Description Cod A moist Surface Electrode MANSO Morse Manual of Instructions INMO Description INMO Description Cod A moist Surface Electrode MANSO Morse Manual of Instructions INMO Description INMO Description Cod Manual of Instructions INMO Description Cod Description Cod Description Cod A moist Surface Electrode MANSO Morse Manual of Instructions INMO Description Cod Description Cod Description Cod A moist Surface Electrode MANSO MANN Special cords priced according to length.	de is com- lded pure rd tip and ble. It is er devised Re Price IN \$4.50 ET 3.50 ER 3.00 IN 2.25 US 2.00 UL 3.00 ER 2.00 IA 2.50 IN 2.50 IN 2.50 IN 3.50	
pos rub elec con for Cata 1810 1811 1812 1813 1814 1815 1816 1817 1818 1743 Sp	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a mouser back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor event the purpose. Description Cod MALK MOIST Surface Electrode MALLI MAMMI META MOIST Surface Electrode MANK MOIST Surface Electrode MANGI MOIST Surface Electrode MANGI Set of 2 (4 ft.) Connecting Cords MOIST MOIST Surface MANN Special Bifurcated Cord MOIST MOIST Surface MANN MOIST M	de is com- lded pure d tip and ble. It is er devised Re Price IN \$4.50 ET 3.50 ER 3.00 IN 2.25 US 2.00 UL 3.00 ER 2.00 IA 2.50 ON 2.50 RS 3.50	
pos rub elec con for Cata 1810 1811 1812 1813 1814 1815 1816 1817 1818 1743 Sp	The New Model of the Morse Moist Surface Electroned of an asbestos compound for conduction, a mounter back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor event the purpose. Description Cod MALK Malk	de is com- lded pure d tip and ble. It is er devised Ref 3.50 ER 3.00 IN 2.25 US 2.00 UL 3.00 ER 2.00 IA 2.50 DN 2.50 RS 3.50	
pos rub elec con for Cata 1810 1811 1812 1813 1814 1815 1816 1817 1818 1743 Sp	The New Model of the Morse Moist Surface Electroed of an asbestos compound for conduction, a mount ber back for protection, and a locking device on constrode, so that accidental detachment is impossible sidered by experts to be the best moist conductor event the purpose. **Alog No.** **Description** **Cod** **A * " Moist Surface Electrode	de is com- lded pure d tip and ble. It is er devised Ref. 3.50 ER 3.00 IN 2.25 US 2.00 UL 3.00 ER 2.00 IA 2.50 DN 2.50 RS 3.50	





Miscellaneous Internal Electrodes

No. 1820

INTER UTERINE

Pure copper end electrode for treatment of the various Inflammatory and Hemorrhoidic conditions of the interior of the uterus, where the astringent action of copper may be indicated to be used on the positive pole of the direct current with Cam No. 1, Morse Wave Generator.

No 1821

CARBON BALL

Vaginal Electrode for the use on positive pole of the Direct Current for treatment of relaxed inflamed conditions and uterine fibroids. This electrode has a great range of applications in synecology as it can be adapted to so many conditions. It is used by covering the ball end with moist absorbent cotton or gauze and, generally understood, with No. 1 Cam on Morse Wave Generator, unless for some special reason when Galvano-Massage effect is indicated.

No. 1822

OBLONG COPPER BALL

Electrode for metallic electrolysis for either vaginal or rectal use as indicated in the treatment of Leukorrhea and Bleeding Hemorrhoids, with Cam No. 1, on Wave Generator.





No. 1823

SIGMOID

Electrode to be used only with Faradic and Static Currents, and Morse Wave Generator on Alternating Current connection of that apparatus—never to be used on a Galvanic (or Sinusoidal) current on account of possible harm from electrolysis. It is especially valuable in treating those forms of Constipation when an impacted Sigmoid or sagging of the Descending Colon, is the cause, using a large Morse Surface Electrode over left side of the abdomen. As this electrode can easily be used without pain or unpleasant sensations during application it has been considered by best authorities to be the most important form of application for the treatment of a condition where surgery is of no avail and until the invention of the Morse Generator the muscular contractions obtainable from any other form of apparatus were too painful or feeble to be of consequence. Incidentally the patient is made to feel, "At last Doctor, I feel that I am having treatment just where the real trouble is." Use Cam same as any other portion of bowel, say Nos. 3 and 4.



No. 1824

PROSTATIC

Electrode to be used only on the Alternating Current connection with Morse Wave Generator, using Cam No. 2 or 6, which will give a good imitation of the manual massage in conjunction with the large Abdominal Morse Surface Electrode. This electrode can be used with Static Wave Current, however those

LÉESBURG, VIRGINIA

physicians who possess both the Wave Generator and Static have found by comparison of results that fewer treatments are required by the Morse Wave Generator.

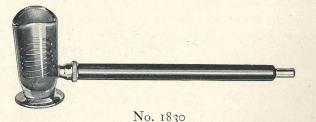


No. 1825

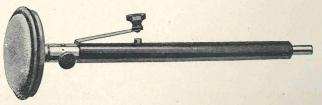
VAGINAL

Electrode to be used only with Alternating Current connection on the Morse Wave Generator, with any of the Cams as may be indicated in the case at hand. This electrode may also be used with Faradic Coil or Static Machine.

GALVANIC EYE CUP

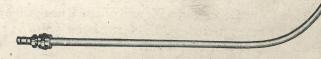


INTERRUPTER HANDLE WITH MOIST PAD



No. 1831

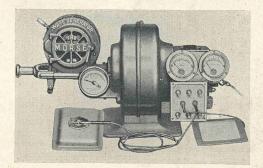






	THOMPSON-PLASTER Y	
	CATAPHORIC	
	Electrode, with Rubber protection	and Carbon base.
	No. 1832	
	FLEXIBLE SIGMO	and Carbon base. ID ID In tubing, with hose end Electrodes. Code Price MAORIE \$ 3.00 MARCUS 3.00 MARCUS 3.00
	Electrode, constructed of pure block ti	n tubing, with hose end
	for flushing attachment.	
	,我也没有你的人的是"我会是 是 "。	
	No. 1833	
	110. 1033	
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
	The second secon	
	No. 1818	
	Price List of Morse Internal I	Electrodes.
	Catalog No. Description	Code Price
	1820 Inter Uterine	MAORIE \$ 3.00 MARCUS 3.00
1	822 Oblong Copper Ball	MAKGA1 3.00 =
	823 Sigmoid	MARINE 3.00
	824 Prostatic	MARMO 3.00
	830 Eye Cup (for Galvanism)	MARLIN 3.00 3.50 MARLY 3.50
<u> </u>	831 Interrupter Handle with Moist Pad	MASHE 3.00
1	832 Cataphoric	MASON 3.00
1	833 Flexible Sigmoid	MASSA 2.75
	818 Bifurcated Cords	MANSON 2.50
	opecial cords priced according to length,	
		MARINE 3.00 MARMO 3.00 MARLIN 3.00 MARLY 3.50 MASHE 3.00 MASON 3.00 MASSA 2.75 MANSON 2.50

MORSE WAVE GENERATOR



A Positive Action for Inducing Normal Muscular Movements

THOMPSON-PLASTER X-RAY CO.

X-Ray and Electrotherapeutic Apparatus for the Physician and Dentist

LEESBURG, VIRGINIA

CHICAGO, ILLINOIS